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IIFW

Application : 101076053 Examiner : PARCAL GAU : 2817

From: TW Location: IDC FMF FDC Date: 2-16-05

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<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
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<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
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<input type="checkbox"/> 312		
<input checked="" type="checkbox"/> SPEC	<u>4-3-05</u>	

[RUSH] MESSAGE:

In the specification submitted on 4-3-05 there are references to a Figure 19 but Figure 19 does not exist on the drawing sheet of this file.
See: Page 18 Lines 24 and 26
Page 19 Lines 2 and 10

Please verify

Thank You
TW

[XRUSH] RESPONSE:

Specification amended by examiner's amdt

KY

INITIALS:

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel J. Deneufbourg on 3/3/05.

The application has been amended as follows:

Page 18; lines 23-27:

FIG. 17 [[18]] is a response graph for a signal passing between transmit contact 60 and antenna contact 64. FIG.18 [[19]] is a response graph 25 for a signal passing between antenna contact 64 and receive contact 62.

More specifically, FIGS. 17[[18]] and 18 [[19]] are graphs of type 21 Scattering Parameters (S_{21}).

Page 19, lines 2-13:

FIGS. 17 [[18]] and 18 [[19]] were generated using a network analyzer. For a discussion of Scattering Parameters and associated test standards and equipment, please consult the following references: Anderson, Richard W. "S-parameter Techniques for Faster, More Accurate Network Design," Hewlett-Packard Journal. vol. 18, no. 6, February 1967., Weinert, "Scattering Parameters Speed Design of High Frequency Transistor Circuits," Electronics, vol. 39, no. 18, Sept. 5, 1986., or Bodway,

"Twoport Power Flow Analysis Using Generalized Scattering Parameters," *Microwave Journal*, vol. 10, no. 6, May 1967.

As revealed by FIGS. 17 [[18]] and 18 [[19]], the fabricated filters exhibited a transmit passband of 1850 to 1910 Megahertz and a receive passband of 1930 to 1990 Megahertz. Noteworthy from FIG. 17 [[18]] is the maximum transmit passband insertion loss of 2.51 decibels (dB).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly E. Glenn whose telephone number is (571)-272-1761. The examiner can normally be reached on Monday-Friday 7:30 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571)-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimberly E Glenn
Examiner
Art Unit 2817

keg